

Standby Lighting Control for High Intensity Discharge Lamp

Abstract of the Disclosure

A High-Intensity Discharge lamp which includes a high intensity discharge light disposed within the light cavity and a standby lighting control system including a light sensor for detecting a light intensity within the light cavity and a standby lamp which is supported within the lamp housing and is activated by the light sensor between a standby mode and a backup mode, wherein at the standby mode, when the light intensity of the high intensity discharge light within the light cavity is above a predetermined threshold, the standby lamp is deactivated, and at the backup mode, when the light intensity of the high intensity discharge light within the light cavity is dropped below the threshold, the standby lamp is activated for generating a backup light to compensate a loss of the light intensity of the high intensity discharge light.